

50X1-HUM

CLASSIFICATION CONFIDENTIAL
 CENTRAL INTELLIGENCE AGENCY
 INFORMATION FROM
 FOREIGN DOCUMENTS OR RADIO BROADCASTS

REPORT

CD NO.

COUNTRY USSR

DATE OF
INFORMATION 1954

SUBJECT Scientific - Chemistry, miscellaneous

DATE DIST. 27 May 1954

HOW
PUBLISHED Monthly periodical

NO. OF PAGES 2

WHERE
PUBLISHED MoscowDATE
PUBLISHED Feb 1954SUPPLEMENT TO
REPORT NO.

LANGUAGE Russian

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE
 OF THE UNITED STATES. WITHIN THE MEANING OF TITLE 18, SECTIONS 793
 AND 794, OF THE U.S. CODE, AS AMENDED. ITS TRANSMISSION OR REVE-
 LATION OF ITS CONTENTS TO OR RECEIPT BY AN UNAUTHORIZED PERSON IS
 PROHIBITED BY LAW. THE REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

SOURCE Zhurnal Prikladnoy Khimii, Vol XXVII, No 2, pp 227, 228

USSR SCIENTIFIC ARTICLES ON GLASS FIBER, GLASS

O. Ye. Zvyagintsev

Trudy Vsesoyuznogo Nauchno-Issledovatel'skogo Instituta Steklyannogo
 Volokna (Works of the All-Union Scientific Research Institute of Glass Fibers),
 Collection of Papers No 3, Gizlegprom (State Publishing House of the Light In-
 dustry), Moscow, 1952, consists of two sections: glass fiber and glass. The
 following articles from these sections may be of interest to chemists.

Glass Fiber

M. S. Aslanova, M. A. Yakovleva, "The Effect of Steam of Different Pressures
 on the Strength of Materials Made of Glass Fiber"

A. F. Zak, Yu. P. Man'ko, "The Strength of Fibers Made of the Simplest Glass-
 Forming Compounds"

Glass

M. S. Aslanova, S. Z. Edel'shteyn, "The Effect of Boric Acid Anhydride on
 the Crystallization and Viscosity of Alkali-Free Aluminosilicate Glasses"

S. S. Krutkov, "Heightening of the Strength of Specially Shaped (sortovyye)
 Pressed Glass Articles"

50X1-HUM

- 1 -

CLASSIFICATION		CONFIDENTIAL		DISTRIBUTION									
STATE	NAVY	NSRB											
ARMY	AIR	FBI											

CONFIDENTIAL

50X1-HUM

Izvestiya Tomskogo Politekhicheskogo Instituta imeni S. M. Kirova (News of the Tomsk Polytechnic Institute imeni S. M. Kirov), Vol LXXI, Tomsk, 1952, contains 15 articles. The following articles may be of interest to readers of Zhurnal Prikladnoy Khimii:

N. r. Kurin, "The Theory of the Process of Caking of Granulated Ammonium Nitrate and Ways of Eliminating This Caking"

Yu. L. Lel'chuk, S. M. Sasonko, "The Solubility of AgBrO_3 in the Systems $\text{AgBrO}_3 - \text{MeNO}_3 - \text{H}_2\text{O}$ "

B. V. Tronov, N. D. Strel'nikova, "Complexes of Nitrocompounds With Other Organic Substances"

I. I. Molodykh, "Complex Compounds of Dinitrophenylpyridinium Chloride and Dinitrophenylpyridinium Bromide With Inorganic Salts"

I. I. Molodykh, "Complex Compounds of Ethylenepyridinium Chloride With Inorganic Salts"

L. A. Pershina, "Bromination of Benzene in the Presence of Various Catalysts"

P. G. Usov, "Technological Properties of Clays From the Local Occurrence at the Camp Garden of the City of Tomsk"

P. G. Usov, "The Effect of Additions of Sodium Chloride and Calcium Chloride on the Quality of Building Bricks" (two articles)

- E N D -

50X1-HUM

- 2 -

CONFIDENTIAL